

## **EXHIBIT E**

**Bill of Materials  
[See Attached]**

# EXHIBIT E-1

## PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

### BILL OF MATERIALS

#### INSTRUMENT BUNGALOW

1 each =	GCP 3000-D2 predictor-redundant with IPI & keyboard display (No dax modules)		Safetran Systems
1 each =	Track & battery surge panel	(80026-1)	" "
1 each =	500 ohm normal relay	(400000)	" "
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	" "
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	" "
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	" "
4 each =	Relay socket assembly with crimp tabs	(420000-43x)	" "
4 each =	Voltage test kits	(420000-46x)	" "
4 each =	Variable resistors .63 ohm	(029602-1x)	" "
1 each =	Variable resistors 10 ohm	(029603-5x)	" "
1 each =	Variable resistor 2 ohm	(029602-6x)	" "
1 each =	Relay wrench assembly	(032619-22x)	" "
6 each =	Padlocks hex type	(030399-16x)	" "
1 each =	40 ETC-12 V. Battery Charger		Railway Equip
1 each =	20 ETC-12 V. Battery Charger		" "
1 set =	7 cells of 475 aph. mtc. free battery		GNB.
1 set =	6 cells of 368 aph. mtc. free battery		" "
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		" "
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		" "
1 lot =	Circuit tags		" "
1 lot =	#6 wire for battery charging circuits		" "
1 each =	Secondary surge arrestor		" "
1 lot =	#10 tc wire		Okonite
1 lot =	#16 tc wire		" "
1 lot =	Insulated ring terminals (#10-12 & #14-16)		Tyco Ind.
1 lot =	Ring terminals (# 6 with 1/4" stud size)		" "
1 each =	6' x 6' alum. bungalow with the following: telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.		PTMW, Inc.

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

# EXHIBIT E-1

## PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

### BILL OF MATERIALS

#### SIGNAL HARDWARE

1 each = Model WT/F Walkout Cantilever with flasher-gate signal consisting of the following: walkout cantilever with access ladder, two-way 12" led lights mounted above roadway, Railroad Crossing sign mounted above roadway, one-way 12" led lights on mast, Railroad Crossing sign on mast, auxiliary mast with: gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, one-way 12" led lights, high wind guard, jct. box base, electronic bell & all necessary hardware.

Safetran

1 each = Same as above except no bell.

#### INSTALLATION MATERIALS

2 each =	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	" "
1 lot =	2c x #6 ug. twisted track cable	" "
4 each =	Rubber bootleg kits (track connections)	-----
4 each =	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	" "
1 lot =	Railhead bonds (3/16" x 6 1/2")	" "
5 each =	5/8" x 8' gnd. rods	-----
1 lot =	4" pvc conduit (under roadway & track)	-----
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	-----
1 each =	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## EXHIBIT E-2

### PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

#### BILL OF MATERIALS

#### INSTRUMENT BUNGALOW

1 each =	GCP 3000-D2 predictor-redundant with IPI & keyboard display (No dax modules)		Safetran Systems
1 each =	Track & battery surge panel	(80026-1)	" "
1 each =	500 ohm normal relay	(400000)	" "
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	" "
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	" "
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	" "
4 each =	Relay socket assembly with crimp tabs	(420000-43x)	" "
4 each =	Voltage test kits	(420000-46x)	" "
4 each =	Variable resistors .63 ohm	(029602-1x)	" "
1 each =	Variable resistors 10 ohm	(029603-5x)	" "
1 each =	Variable resistor 2 ohm	(029602-6x)	" "
1 each =	Relay wrench assembly	(032619-22x)	" "
6 each =	Padlocks hex type	(030399-16x)	" "
1 each =	40 ETC-12 V. Battery Charger		Railway Equip
1 each =	20 ETC-12 V. Battery Charger		" "
1 set =	7 cells of 475 aph. mtc. free battery		GNB.
1 set =	6 cells of 368 aph. mtc. free battery		" "
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		" "
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		" "
1 lot =	Circuit tags		" "
1 lot =	#6 wire for battery charging circuits		" "
1 each =	Secondary surge arrestor		" "
1 lot =	#10 tc wire		Okonite
1 lot =	#16 tc wire		" "
1 lot =	Insulated ring terminals (#10-12 & #14-16)		Tyco Ind.
1 lot =	Ring terminals (# 6 with 1/4" stud size)		" "
1 each =	6' x 6' alum. bungalow with the following: telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.		PTMW, Inc.

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## EXHIBIT E-2

### PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

#### BILL OF MATERIALS

##### SIGNAL HARDWARE

1 each = Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.

W.C. Hayes

1 each = Same as above except no bell.

##### INSTALLATION MATERIALS

2 each =	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	" "
1 lot =	2c x #6 ug. twisted track cable	" "
4 each =	Rubber bootleg kits (track connections)	-----
4 each =	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	" "
1 lot =	Railhead bonds (3/16" x 6 1/2")	" "
5 each =	5/8" x 8' gnd. rods	-----
1 lot =	4" pvc conduit (under roadway & track)	-----
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	-----
1 each =	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## EXHIBIT E-3

### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

#### BILL OF MATERIALS

#### INSTRUMENT BUNGALOW

1 each =	GCP 3000-D2 predictor-redundant with IPI & keyboard display (No dax modules)		Safetran Systems
1 each =	Track & battery surge panel	(80026-1)	" "
1 each =	500 ohm normal relay	(400000)	" "
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	" "
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	" "
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	" "
4 each =	Relay socket assembly with crimp tabs	(420000-43x)	" "
4 each =	Voltage test kits	(420000-46x)	" "
4 each =	Variable resistors .63 ohm	(029602-1x)	" "
1 each =	Variable resistors 10 ohm	(029603-5x)	" "
1 each =	Variable resistor 2 ohm	(029602-6x)	" "
1 each =	Relay wrench assembly	(032619-22x)	" "
6 each =	Padlocks hex type	(030399-16x)	" "
1 each =	40 ETC-12 V. Battery Charger		Railway Equip
1 each =	20 ETC-12 V. Battery Charger		" "
1 set =	7 cells of 475 aph. mtc. free battery		GNB.
1 set =	6 cells of 368 aph. mtc. free battery		" "
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		" "
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		" "
1 lot =	Circuit tags		" "
1 lot =	#6 wire for battery charging circuits		" "
1 each =	Secondary surge arrestor		" "
1 lot =	#10 tc wire		Okonite
1 lot =	#16 tc wire		" "
1 lot =	Insulated ring terminals (#10-12 & #14-16)		Tyco Ind.
1 lot =	Ring terminals (# 6 with 1/4" stud size)		" "
1 each =	6' x 6' alum. bungalow with the following: telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.		PTMW, Inc.

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## EXHIBIT E-3

### PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

#### BILL OF MATERIALS

##### SIGNAL HARDWARE

1 each = Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.

W.C. Hayes

1 each = Same as above except no bell.

##### INSTALLATION MATERIALS

2 each =	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	" "
1 lot =	2c x #6 ug. twisted track cable	" "
4 each =	Rubber bootleg kits (track connections)	-----
4 each =	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	" "
1 lot =	Railhead bonds (3/16" x 6 1/2")	" "
5 each =	5/8" x 8' gnd. rods	-----
1 lot =	4" pvc conduit (under roadway & track)	-----
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	-----
1 each =	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## EXHIBIT E-4

### PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

#### BILL OF MATERIALS

#### INSTRUMENT BUNGALOW

1 each =	GCP 3000-D2 dual track predictor-redundant with IPI & keyboard display (No dax modules)		Safetran Systems
2 each =	Track & battery surge panel	(80026-1)	" "
1 each =	Track surge panel	(80026-2)	" "
1 each =	500 ohm normal relay	(400000)	" "
1 each =	500 ohm heavy duty (H.D.) relay	(400023)	" "
1 each =	194 ohm slow release (S.R.) relay (3.0 – 3.75 sec.)	(400200)	" "
1 each =	60 ohm flasher relay with flash-pak	(400700-x)	" "
4 each =	Relay socket assembly with crimp tabs	(420000-43x)	" "
4 each =	Voltage test kits	(420000-46x)	" "
4 each =	Variable resistors .63 ohm	(029602-1x)	" "
1 each =	Variable resistors 10 ohm	(029603-5x)	" "
1 each =	Variable resistor 2 ohm	(029602-6x)	" "
1 each =	Relay wrench assembly	(032619-22x)	" "
6 each =	Padlocks hex type	(030399-16x)	" "
1 each =	40 ETC-12 V. Battery Charger		Railway Equip
1 each =	20 ETC-12 V. Battery Charger		" "
1 set =	7 cells of 475 aph. mtc. free battery		GNB.
1 set =	6 cells of 368 aph. mtc. free battery		" "
1 lot =	2 3/8" terminal block		various vend.
1 lot =	(1 x 12 or 2 x 6) terminal strips		" "
1 lot =	1" test links (ug. cable @ bungalow & signal jct. box)		" "
1 lot =	Circuit tags		" "
1 lot =	#6 wire for battery charging circuits		" "
1 each =	Secondary surge arrestor		" "
1 lot =	#10 tc wire		Okonite
1 lot =	#16 tc wire		" "
1 lot =	Insulated ring terminals (#10-12 & #14-16)		Tyco Ind.
1 lot =	Ring terminals (# 6 with 1/4" stud size)		" "
1 each =	6' x 6' alum. bungalow with the following: telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.		PTMW, Inc.

NOTE = Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## EXHIBIT E-4

### PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

#### BILL OF MATERIALS

##### SIGNAL HARDWARE

1 each = Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.

W.C. Hayes

1 each = Same as above except no bell.

##### INSTALLATION MATERIALS

2 each =	Galv. metal flasher-gate signal found. (48" tall with base plate)	L.&W. Ind.
1 lot =	7c x #6 ug. signal cable (bronze taped wrapped)	Okonite
1 lot =	7c x #9 ug. signal cable (bronze taped wrapped)	" "
1 lot =	2c x #6 ug. twisted track cable	" "
4 each =	Rubber bootleg kits (track connections)	-----
4 each =	Retainer rail clips	Erico
4 each =	One-shot for 5/8" gnd. rod	" "
1 lot =	Railhead bonds (3/16" x 6 1/2")	" "
5 each =	5/8" x 8' gnd. rods	-----
1 lot =	4" pvc conduit (under roadway & track)	-----
1 lot =	Bondstrand wire	L.&W.
1 lot =	Rolls of 33 plus tape	3-M
1 lot =	Fill materials for bungalow & foundations (as needed)	local
1 lot =	Crushed rock for topping	local
1 lot =	Alum. paint	-----
1 each =	ac meter loop arrangement	local

NOTE = Contractor shall furnish an ac meter loop located close to instrument bungalow. Prairie State Generating Company, LLC will arrange to have utility service ac power furnished to the meter.

Materials listed are the major materials needed. Other materials and quantity may be needed for the complete installation & placing-in-service of the warning signal system.

## **EXHIBIT F**

**Cost Estimate for Lights & Gates**  
**[See Attached]**

**PRAIRIE STATE GENERATING CAMPUS  
IL ROUTE 4/13  
AT-GRADE RAILROAD CROSSING**

QUANTITY	UNITS		QUANTITY	UNITS	INSTRUMENT BUNGALOW	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1EA.	Control Rack and Wired Controls including:								
	1EA.				GCP 3000-D2 predictor-redundant with IPI & keyboard display		Included	\$35,420.00	\$35,420.00
					Track & battery surge panel		Included		
	1EA.				500 ohm normal relay		Included		
	1EA.				500 ohm heavy duty (H.D.) relay		Included		
	1EA.				194 ohm slow release (S.R.) relay (3.0 - 3.75 sec.)		Included		
	1EA.				60 ohm flasher relay with flash-pak		Included		
	4EA.				Relay socket assembly with crimp tabs		Included		
	4EA.				Voltage test kits		Included		
	4EA.				Variable resistors .63 ohm		Included		
	1EA.				Variable resistors 10 ohm		Included		
	1EA.				Variable resistor 2 ohm		Included		
	1EA.				Relay wrench assembly		Included		
	6EA.				Padlocks hex type		Included		
	1EA.				40 ETC-12 V. Cragg		Included		
	1EA.				20 ETC-12 V. Cragg		Included		
	1SET				7 cells of 475 aph. mtc. free battery		Included		
	1SET				6 cells of 368 aph. mtc. free battery		Included		
	1LOT				2 3/8" terminal block		Included		
	1LOT				(1 x 12 or 2 x 6) terminal strips		Included		
	1LOT				1" test links (ug. cable @ bungalow & signal jct. box)		Included		
	1LOT				Circuit tags		Included		
	1LOT				#6 wire for battery charging circuits		Included		
	1EA.				Secondary surge arrester		Included		
	1LOT				#10 to wire		Included		
	1LOT				#16 to wire		Included		
	1LOT				Insulated ring terminals (#10-12 & #14-16)		Included		
	1LOT				Ring terminals (# 6 with 1/2" stud size)		Included		
1EA.	6' x 6' alum. bungalow with the following:					\$14,650.00	\$14,650.00	\$14,650.00	\$14,650.00
	1EA.				Telescoping foundations breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S & C. strobe light & relay filler plates.				

# EXHIBIT F-1

## PRAIRIE STATE GENERATING CAMPUS IL ROUTE 4/13 AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS	SIGNAL HARDWARE	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1 EA.	Walkout Cantilever with Flasher-Gate Signal and Bell includes the following:	1 EA.		Model WTT/F Walkout Cantilever with flasher-gate signal consisting of the following: walkout cantilever with access ladder, two-way 12" led lights mounted above roadway, Railroad Crossing sign mounted above roadway, one-way 12" led lights on mast, Railroad Crossing sign on mast, auxiliary mast with: gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, one-way 12" led lights, high wind guard, jct. box base, electronic bell & all necessary hardware.	\$23,114.00	\$23,114.00		\$23,114.00
		1 EA.		Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1 EA.		Bracket Gate	\$1,250.00	\$1,250.00		
		1 EA.		Bracket High Wind	\$65.00	\$65.00		
		1 EA.		Counter weight	\$850.00	\$850.00		
		1 EA.		Lamp assy LED Two-Way	\$1,050.00	\$1,050.00		
		2 EA.		Lamp assy LED One-Way	\$850.00	\$1,700.00		
		1 EA.		Walkout Cantilever with 12" Mast	\$10,500.00	\$10,500.00		
		1 EA.		Auxiliary Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.		Gate Mechanism	\$3,150.00	\$3,150.00		
		2 EA.		Sign X Buck	\$62.00	\$124.00		
		1 LOT		Misc gate hardware	\$350.00	\$350.00		
		1 EA.		Foundation with fill	\$2,450.00	\$2,450.00		
		1 EA.		BELL	\$215.00	\$215.00		
1 EA.	Walkout Cantilever with Flasher-Gate Signal includes the following:						\$22,899.00	\$22,899.00
		1 EA.		Model WTT/F Walkout Cantilever with flasher-gate signal consisting of the following: walkout cantilever with access ladder, two-way 12" led lights mounted above roadway, Railroad Crossing sign mounted above roadway, one-way 12" led lights on mast, Railroad Crossing sign on mast, auxiliary mast with: gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, one-way 12" led lights, high wind guard, jct. box base, electronic bell & all necessary hardware.				
		1 EA.		Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1 EA.		Bracket Gate	\$1,250.00	\$1,250.00		
		1 EA.		Bracket High Wind	\$65.00	\$65.00		
		1 EA.		Counter weight	\$850.00	\$850.00		
		1 EA.		Lamp assy LED Two-Way	\$1,050.00	\$1,050.00		
		2 EA.		Lamp assy LED One-Way	\$850.00	\$1,700.00		
		1 EA.		Walkout Cantilever with 12" Mast	\$10,500.00	\$10,500.00		
		1 EA.		Auxiliary Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.		Gate Mechanism	\$3,150.00	\$3,150.00		
		2 EA.		Sign X Buck	\$62.00	\$124.00		
		1 LOT		Misc gate hardware	\$350.00	\$350.00		
		1 EA.		Foundation with fill	\$2,450.00	\$2,450.00		

**PRAIRIE STATE GENERATING CAMPUS  
IL ROUTE 4/13  
AT-GRADE RAILROAD CROSSING**

[illegible]

**PRAIRIE STATE GENERATING CAMPUS  
IL ROUTE 4/13  
AT-GRADE RAILROAD CROSSING**

QUANTITY	UNITS		QUANTITY	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1 EA.	TAXES				SALES TAX	6.25%	\$665.63		\$665.63
1 LOT	LABOR				LABOR				
			720 HRS		Four Person Crew (Cost includes payroll tax and overheads)	\$53.50	\$38,520.00	\$38,520.00	\$38,520.00
					CONSTRUCTION EQUIPMENT COST				
1 LOT	EQUIPMENT							\$21,600.00	\$21,600.00
			720 HRS		Equipment cost based on labor hours	\$30.00	\$21,600.00		
								TOTAL	\$179,684.38

# EXHIBIT F-2

## PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS	INSTRUMENT BUNGALOW	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1 EA.	Control Rack and Wired Controls Including:	1 EA.		GCP 3000-D2 predictor-redundant with IPI & keyboard display		Included	\$35,420.00	\$35,420.00
		1 EA.		Track & battery surge panel		Included		
		1 EA.		500 ohm normal relay		Included		
		1 EA.		500 ohm heavy duty (H.D.) relay		Included		
		1 EA.		194 ohm slow release (S.R.) relay (3.0 - 3.75 sec.)		Included		
		1 EA.		60 ohm flasher relay with flash-pak		Included		
		4 EA.		Relay socket assembly with crimp tabs		Included		
		4 EA.		Voltage test kits		Included		
		4 EA.		Variable resistors .63 ohm		Included		
		1 EA.		Variable resistors 10 ohm		Included		
		1 EA.		Variable resistor 2 ohm		Included		
		1 EA.		Relay wrench assembly		Included		
		6 EA.		Padlocks hex type		Included		
		1 EA.		40 ETC-12 V. Cragg		Included		
		1 EA.		20 ETC-12 V. Cragg		Included		
		1 SET		7 cells of 475 aph. mtc. free battery		Included		
		1 SET		6 cells of 368 aph. mtc. free battery		Included		
		1 LOT		2 3/8" terminal block		Included		
		1 LOT		(1 x 12 or 2 x 6) terminal strips		Included		
		1 LOT		1" test links (wg. cable @ bungalow & signal jct. box)		Included		
		1 LOT		Circuit tags		Included		
		1 LOT		#6 wire for battery charging circuits		Included		
		1 EA.		Secondary surge arrester		Included		
		1 LOT		#10 to wire		Included		
		1 LOT		#16 to wire		Included		
		1 LOT		Insulated ring terminals (#10-12 & #14-16)		Included		
		1 LOT		Ring terminals (#6 with 1/4" stud size)		Included		
1 EA.	6' x 6' alum. bungalow with the following:	1 EA.		Telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.	\$14,650.00	\$14,650.00	\$14,650.00	\$14,650.00

**EXHIBIT F-2**

**PRAIRIE STATE GENERATING CAMPUS  
EIFF ROAD  
AT-GRADE RAILROAD CROSSING**

**COST ESTIMATE**

QUANTITY	UNITS	QUANTITY	UNITS	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
<b>SIGNAL HARDWARE</b>							
1 EA.	Flasher-Gate Signal with Bell includes the following:					\$8,681.00	\$8,681.00
		1 EA.	Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
		1 EA.	Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1 EA.	Bracket Gate	\$1,250.00	\$1,250.00		
		1 EA.	Bracket High Wind	\$65.00	\$65.00		
		1 EA.	Counter weight	\$850.00	\$850.00		
		1 EA.	Lamp assy	\$1,050.00	\$1,050.00		
		1 EA.	Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
		1 EA.	Sign X Buck	\$62.00	\$62.00		
		1 LOT	Misc gate hardware	\$175.00	\$175.00		
		1 EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		
		1 EA.	BELL	\$215.00	\$215.00		
1 EA.	Flasher-Gate Signal no Bell includes the following:					\$8,466.00	\$8,466.00
		1 EA.	Same as above except no bell. Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
		1 EA.	Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1 EA.	Bracket Gate	\$1,250.00	\$1,250.00		
		1 EA.	Bracket High Wind	\$65.00	\$65.00		
		1 EA.	Counter weight	\$850.00	\$850.00		
		1 EA.	Lamp assy	\$1,050.00	\$1,050.00		
		1 EA.	Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
		1 EA.	Sign X Buck	\$62.00	\$62.00		
		1 LOT	Misc gate hardware	\$175.00	\$175.00		
		1 EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		

# EXHIBIT F-2

## PRAIRIE STATE GENERATING CAMPUS EIFF ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS	INSTALLATION MATERIALS	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
INSTALLATION MATERIALS								
1 EA.								
				Grounding Materials Including the following:				
		4 EA.		One-shot for 5/8" gnd. rod	\$50.00	\$200.00		
		5 EA.		5/8" x 8' gnd. rods	\$21.00	\$105.00		
1 EA.				Misc. construction materials including the following:			\$3,305.00	\$3,305.00
		1 LOT		Fill materials for bungalow & foundations (as needed)	\$1,200.00	\$1,200.00		
		1 LOT		Crushed rock for topping	\$2,050.00	\$2,050.00		
		1 LOT		Alum. paint	\$55.00	\$55.00		
1 EA.				AC Meter loop arrangement including the following:			\$2,000.00	\$2,000.00
		1 EA.		AC Service complete assembled on 30 ft. meter pole	\$1,050.00	\$1,050.00		
		1 EA.		AC Surge Arrestor	\$325.00	\$325.00		
		1 EA.		Service Cable UG 3C#6 conductor	\$625.00	\$625.00		
1 EA.				Materials for connecting field equipment including the following:			\$6,555.75	\$6,555.75
		1 LOT		4" pvc conduit (under roadway & track)	\$175.00	\$175.00		
		1 LOT		7c x #6 UG. signal cable (bronze taped wrapped)	\$2,600.00	\$2,600.00		
		1 LOT		7c x #9 UG. signal cable (bronze taped wrapped)	\$1,450.00	\$1,450.00		
		1 LOT		2c x #6 UG. twisted track cable	\$1,500.00	\$1,500.00		
		4 EA.		Rubber bootleg kits (track connections)	\$95.00	\$380.00		
		4 EA.		Retainer rail clips	\$40.00	\$160.00		
		1 LOT		Railhead bonds (3/16" x 6 1/2')	\$80.00	\$80.00		
		1 LOT		Bondstrand wire	\$195.00	\$195.00		
		1 LOT		Rolls of 33 plus tape	\$15.75	\$15.75		
SITE POWER								
1 EA.				Pole line construction by local Utility			\$10,650.00	\$10,650.00
		1 EA.		Pole line construction by local Utility	\$10,650.00	\$10,650.00		

**PRAIRIE STATE GENERATING CAMPUS  
EIFF ROAD  
AT-GRADE RAILROAD CROSSING**

[illegible]

# EXHIBIT F-3

## PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS		QUANTITY	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1 EA.		Control Rack and Wired Controls including:	1 EA.		INSTRUMENT BUNGALOW				
					GCP 3000-D2 predictor-redundant with IPI & keyboard display		Included	\$35,420.00	\$35,420.00
			1 EA.		Track & battery surge panel		Included		
			1 EA.		500 ohm normal relay		Included		
			1 EA.		500 ohm heavy duty (H.D.) relay		Included		
			1 EA.		194 ohm slow release (S.R.) relay (3.0 - 3.75 sec.)		Included		
			1 EA.		60 ohm flasher relay with flash-pak		Included		
			4 EA.		Relay socket assembly with crimp tabs		Included		
			4 EA.		Voltage test kits		Included		
			4 EA.		Variable resistors .63 ohm		Included		
			1 EA.		Variable resistors 10 ohm		Included		
			1 EA.		Variable resistor 2 ohm		Included		
			1 EA.		Relay wrench assembly		Included		
			6 EA.		Padlocks hex type		Included		
			1 EA.		40 ETC-12 V. Cragg		Included		
			1 EA.		20 ETC-12 V. Cragg		Included		
			1 SET		7 cells of 475 aph. mtc. free battery		Included		
			1 SET		6 cells of 368 aph. mtc. free battery		Included		
			1 LOT		2 3/8" terminal block		Included		
			1 LOT		(1 x 12 or 2 x 6) terminal strips		Included		
			1 LOT		1" test links (wg. cable @ bungalow & signal jct. box)		Included		
			1 LOT		Circuit tags		Included		
			1 LOT		#6 wire for battery charging circuits		Included		
			1 EA.		Secondary surge arrester		Included		
			1 LOT		#10 to wire		Included		
			1 LOT		#16 to wire		Included		
			1 LOT		Insulated ring terminals (#10-12 & #14-16)		Included		
			1 LOT		Ring terminals (#6 with 1/2" stud size)		Included		
1 EA.		6' x 6' alum. bungalow with the following:						\$14,650.00	\$14,650.00
			1 EA.		Telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.&C. strobe light & relay filler plates.	\$14,650.00	\$14,650.00		

# EXHIBIT F-3

## PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
SIGNAL HARDWARE								
1 EA.	Flasher-Gate Signal with Bell includes the following:						\$8,681.00	\$8,681.00
		1 EA.		Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
		1 EA.		Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1 EA.		Bracket Gate	\$1,250.00	\$1,250.00		
		1 EA.		Bracket High Wind	\$65.00	\$65.00		
		1 EA.		Counter weight	\$850.00	\$850.00		
		1 EA.		Lamp assy	\$1,050.00	\$1,050.00		
		1 EA.		Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.		Gate Mechanism	\$3,150.00	\$3,150.00		
		1 EA.		Sign X Buck	\$62.00	\$62.00		
		1 LOT		Misc gate hardware	\$175.00	\$175.00		
		1 EA.		Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		
		1 EA.		BELL	\$215.00	\$215.00		
1 EA.	Flasher-Gate Signal no Bell includes the following:						\$8,466.00	\$8,466.00
		1 EA.		Same as above except no bell. Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
		1 EA.		Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
		1 EA.		Bracket Gate	\$1,250.00	\$1,250.00		
		1 EA.		Bracket High Wind	\$65.00	\$65.00		
		1 EA.		Counter weight	\$850.00	\$850.00		
		1 EA.		Lamp assy	\$1,050.00	\$1,050.00		
		1 EA.		Mast 5" aluminum	\$1,150.00	\$1,150.00		
		1 EA.		Gate Mechanism	\$3,150.00	\$3,150.00		
		1 EA.		Sign X Buck	\$62.00	\$62.00		
		1 LOT		Misc gate hardware	\$175.00	\$175.00		
		1 EA.		Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		

# EXHIBIT F-3

## PRAIRIE STATE GENERATING CAMPUS WASHINGTON COUNTY LINE ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS		QUANTITY	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
INSTALLATION MATERIALS									
1 EA.									
		Grounding Materials Including the following:							
		4 EA.							
		5 EA.							
		One-shot for 5/8" gnd. rod				\$50.00	\$200.00		
		5/8" x 8' gnd. rods				\$21.00	\$105.00		
1 EA.		Misc. construction materials Including the following:						\$3,305.00	\$3,305.00
		1 LOT				\$1,200.00	\$1,200.00		
		1 LOT				\$2,050.00	\$2,050.00		
		1 LOT				\$55.00	\$55.00		
		Alum. paint							
1 EA.		AC Meter loop arrangement Including the following:						\$2,000.00	\$2,000.00
		1 EA.				\$1,050.00	\$1,050.00		
		1 EA.				\$325.00	\$325.00		
		1 EA.				\$625.00	\$625.00		
		AC Service complete assembled on 30 ft. meter pole							
		AC Surge Arrestor							
		Service Cable UG 3C#6 conductor							
1 EA.		Materials for connecting field equipment Including the following:						\$6,555.75	\$6,555.75
		1 LOT				\$175.00	\$175.00		
		1 LOT				\$2,600.00	\$2,600.00		
		1 LOT				\$1,450.00	\$1,450.00		
		1 LOT				\$1,500.00	\$1,500.00		
		4 EA.				\$95.00	\$380.00		
		4 EA.				\$40.00	\$160.00		
		1 LOT				\$80.00	\$80.00		
		1 LOT				\$195.00	\$195.00		
		1 LOT				\$15.75	\$15.75		
		Rolls of 33 plus tape							
SITE POWER									
1 EA.		Pole line construction by local Utility						\$10,650.00	\$10,650.00
		1 EA.				\$10,650.00	\$10,650.00		
		Pole line construction by local Utility							

**PRAIRIE STATE GENERATING CAMPUS  
WASHINGTON COUNTY LINE ROAD  
AT-GRADE RAILROAD CROSSING**

[illegible]

# EXHIBIT F-4

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS	INSTRUMENT BUNGALOW	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1 EA.		Control Rack and Wired Controls including:						
		1 EA.		GCP 3000-D2 predictor-redundant with PI & keyboard display		Included	\$39,880.00	\$39,880.00
		1 EA.		Track & battery surge panel		Included		
		1 EA.		Track surge panel		Included		
		1 EA.		500 ohm normal relay		Included		
		1 EA.		500 ohm heavy duty (H.D.) relay		Included		
		1 EA.		194 ohm slow release (S.R.) relay (3.0 - 3.75 sec.)		Included		
		1 EA.		60 ohm flasher relay with flash-pak		Included		
		4 EA.		Relay socket assembly with crimp tabs		Included		
		4 EA.		Voltage test kits		Included		
		4 EA.		Variable resistors .63 ohm		Included		
		1 EA.		Variable resistors 10 ohm		Included		
		1 EA.		Variable resistor 2 ohm		Included		
		1 EA.		Relay wrench assembly		Included		
		6 EA.		Padlocks hex type		Included		
		1 EA.		40 ETC-12 V. Cragg		Included		
		1 EA.		20 ETC-12 V. Cragg		Included		
		1 SET		7 cells of 475 aph. mtc. free battery		Included		
		1 SET		6 cells of 368 aph. mtc. free battery		Included		
		1 LOT		2 3/8" terminal block		Included		
		1 LOT		(1 x 12 or 2 x 6) terminal strips		Included		
		1 LOT		1" test links (ug. cable @ bungalow & signal jct. box)		Included		
		1 LOT		Circuit tags		Included		
		1 LOT		#6 wire for battery charging circuits		Included		
		1 EA.		Secondary surge arrester		Included		
		1 LOT		#10 to wire		Included		
		1 LOT		#16 to wire		Included		
		1 LOT		Insulated ring terminals (#10-12 & #14-16)		Included		
		1 LOT		Ring terminals (# 6 with 1/4" stud size)		Included		
1 EA.		6' x 6' alum. bungalow with the following:			\$14,650.00	\$14,650.00	\$14,650.00	\$14,650.00
		1 EA.		Telescoping foundations, breaker box, lights, conv. outlets, shelves, heater, vent fan, front & back doors, backboard, plywood on left & right walls, two-step battery rack, 2 each power-off lights, 1 each S.C. strobe light & relay filler plates.				

# EXHIBIT F-4

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS		COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
SIGNAL HARDWARE								
1 EA.		Flasher-Gate Signal with Bell includes the following:					\$8,681.00	\$8,681.00
			1 EA.	Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
			1 EA.	Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
			1 EA.	Bracket Gate	\$1,250.00	\$1,250.00		
			1 EA.	Bracket High Wind	\$65.00	\$65.00		
			1 EA.	Counter weight	\$850.00	\$850.00		
			1 EA.	Lamp assy	\$1,050.00	\$1,050.00		
			1 EA.	Mast 5" aluminum	\$1,150.00	\$1,150.00		
			1 EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
			1 EA.	Sign X Buck	\$62.00	\$62.00		
			1 LOT	Misc gate hardware	\$175.00	\$175.00		
			1 EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		
			1 EA.	BELL	\$215.00	\$215.00		
1 EA.		Flasher-Gate Signal no Bell includes the following:					\$8,466.00	\$8,466.00
			1 EA.	Same as above except no bell. Model #10 flasher-gate signal consisting of the following: 3593 B gate mechanism, alum-glass gate arm with led gate lights, break-away & adapter, two-way 12" led lights on mast, high wind guard, jct. box base, Railroad Crossing sign, electronic bell & all necessary hardware.				
			1 EA.	Arm Gate Fiberglass/aluminum	\$260.00	\$260.00		
			1 EA.	Bracket Gate	\$1,250.00	\$1,250.00		
			1 EA.	Bracket High Wind	\$65.00	\$65.00		
			1 EA.	Counter weight	\$850.00	\$850.00		
			1 EA.	Lamp assy	\$1,050.00	\$1,050.00		
			1 EA.	Mast 5" aluminum	\$1,150.00	\$1,150.00		
			1 EA.	Gate Mechanism	\$3,150.00	\$3,150.00		
			1 EA.	Sign X Buck	\$62.00	\$62.00		
			1 LOT	Misc gate hardware	\$175.00	\$175.00		
			1 EA.	Galv. metal flasher-gate signal foundation. (48" tall with base plate)	\$454.00	\$454.00		

# EXHIBIT F-4

## PRAIRIE STATE GENERATING CAMPUS RELOCATED MARIGOLD ROAD AT-GRADE RAILROAD CROSSING

### COST ESTIMATE

QUANTITY	UNITS	QUANTITY	UNITS	INSTALLATION MATERIALS	COST PER UNIT	EXTENDED COST	COST PER UNIT	EXTENDED COST
1 EA.				Grounding Materials Including the following: 4 EA. One-shot for 5/8" gnd. rod 5 EA. 5/8" x 8' gnd. rods	\$305.00	\$305.00	\$305.00	\$305.00
1 EA.				Misc. construction materials including the following: 1 LOT Fill materials for bungalow & foundations (as needed) 1 LOT Crushed rock for topping 1 LOT Alum. paint	\$1,200.00 \$2,050.00 \$55.00	\$1,200.00 \$2,050.00 \$55.00	\$3,305.00	\$3,305.00
1 EA.				AC Meter loop arrangement including the following: 1 EA. AC Service complete assembled on 30 ft. meter pole 1 EA. AC Surge Arrestor 1 EA. Service Cable UG 3C#6 conductor	\$1,050.00 \$325.00 \$625.00	\$1,050.00 \$325.00 \$625.00	\$2,000.00	\$2,000.00
1 EA.				Materials for connecting field equipment including the following: 1 LOT 4" pvc conduit (under roadway & track) 1 LOT 7c x #6 UG. signal cable (bronze taped wrapped) 1 LOT 7c x #9 UG. signal cable (bronze taped wrapped) 1 LOT 2c x #6 UG. twisted track cable 8 EA. Rubber bootleg kits (track connections) 8 EA. Retainer rail clips 1 LOT Railhead bonds (3/16" x 6 1/2") 1 LOT Bondstrand wire 1 LOT Rolls of 33 plus tape	\$250.00 \$2,600.00 \$1,450.00 \$3,000.00 \$95.00 \$40.00 \$160.00 \$195.00 \$15.75	\$250.00 \$2,600.00 \$1,450.00 \$3,000.00 \$95.00 \$40.00 \$160.00 \$195.00 \$15.75	\$8,750.75	\$8,750.75
1 EA.				Pole line construction by local Utility	\$10,650.00	\$10,650.00	\$10,650.00	\$10,650.00

**PRAIRIE STATE GENERATING CAMPUS  
RELOCATED MARIGOLD ROAD  
AT-GRADE RAILROAD CROSSING**

[illegible]

## **EXHIBIT G**

**Letter of St. Libory Fire Protection District  
[See Attached]**

Saint Libory Fire Protection District  
P. O. Box 352  
743 Rutter Street  
Saint Libory, IL 62282

Joseph Luechtefeld  
President  
6885 State Route 15  
Marissa, IL 62257

Mark Scheiper  
Secretary  
P O Box 112  
Saint Libory, IL 62282

Eric Brammeier  
Trustee  
7625 County Road 12  
Venedy, IL 62214

July 26, 2006

Brian Brau  
Peabody Energy  
701 Market Street  
St. Louis, MO 63101

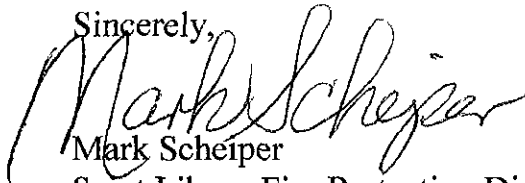
RE: At-Grade Crossing Petition

Dear Mr. Brau:

Saint Libory Fire Protection District discussed Peabody Energy's petition for At-Grade Crossing to serve the Prairie State Energy Campus. The petition was discussed at the regularly scheduled monthly meeting held on July 12, 2006. The Board of Trustees unanimously voted to support the petition as presented.

If you have any questions please contact me at 314-340-6977.

Sincerely,



Mark Scheiper  
Saint Libory Fire Protection District Secretary